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PATENT
Attorney Docket No. 915-007.047

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: :

J. MAUNUKSELA :

Serial No.: **10/663,350** :

Filed: **September 16, 2003** :

For: **Pulse Modulation**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR §1.56.

While this Supplemental Information Disclosure Statement (IDS) may be "material" pursuant to 37 CFR §1.56(b), it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service on this date, **April 11, 2005**, in an envelope with sufficient postage as, "First Class Mail," addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Lissette Ramos

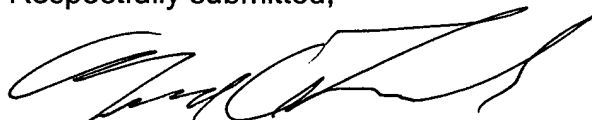
In accordance with 37 CFR §1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR §1.56(a) exists.

Enclosed is a European Search Report issued in European Patent Application 04021394.4 which application is claiming the priority of the present application.

Also enclosed is a Form PTO-1449 listing the cited references. Copies of the cited non-US references are also enclosed herewith. Copies of the cited US references are not enclosed pursuant to the USPTO waiver of the requirement to submit copies of U.S. references. The relevance of each reference is explained in either the Search Report or the application specification and the abstract of each reference provides a concise explanation thereof.

This IDS is being submitted within three months of the mailing date of the European Search Report; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. The Commissioner is hereby authorized to charge to deposit account 23-0442 any fee deficiency required to submit this IDS.

Respectfully submitted,



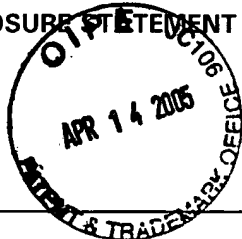
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT



ATTY DOCKET NO.

915-007.047

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10/663,350

APPLICANT: J. MAUNUKSELA

FILING DATE:

September 16, 2003

ART UNIT:

2817

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,699,005	Dec. 16, 1997	<i>Theus et al</i>			
	6,439,679	Aug. 27, 200	<i>Roylance</i>			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
JP 06326574	Nov. 25, 1994	Japan			
JP 08051346	Feb. 20, 1996	Japan			
JP 08102660	Apr. 16, 1996	Japan			
EP 0712211	May 15, 1996	Europe			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Examiner (To be assigned)

Date: